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"Simulation of Slow Extraction in the Main Injector", C.S.Mishra, F.A.Harfoush, J.Johnstone.

"Study of Tune Modulation in the Main Injector", F.A.Harfoush, C.S.Mishra. (Abstract only)

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"Design of a Generic Extraction Straight Sector for the Main Injector", D.E.Johnson, J.Johnstone, A.Russell. (abstract only)

"Design and Measurement of Prototype FMI Dipole EndPack", D.J.Harding,H.Glass, B.C.Brown, F.A.Harfoush, C.S.Mishra, J-F. Ostiguy.

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"FNAL Main Injector Dipole Installation Equipment", Keith Moravec, Fritz Lange, Jerry Lebfritz, Larry Sauer. (paper only)

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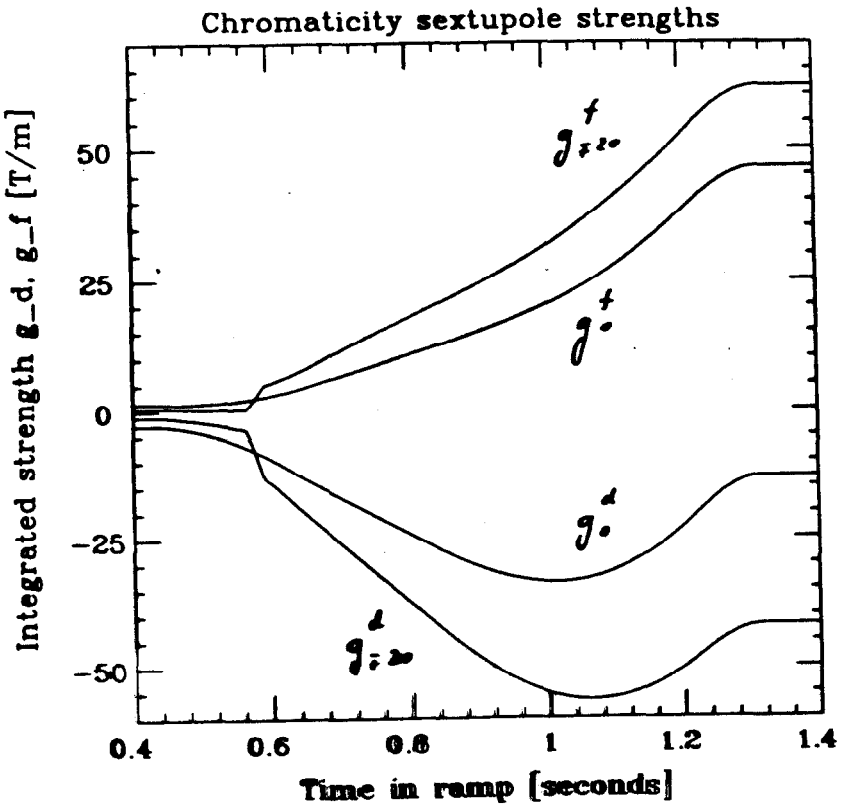
1D0003
dipole

150
V



$x = \mp 20$

$I_f^{max} = 329$ Amp

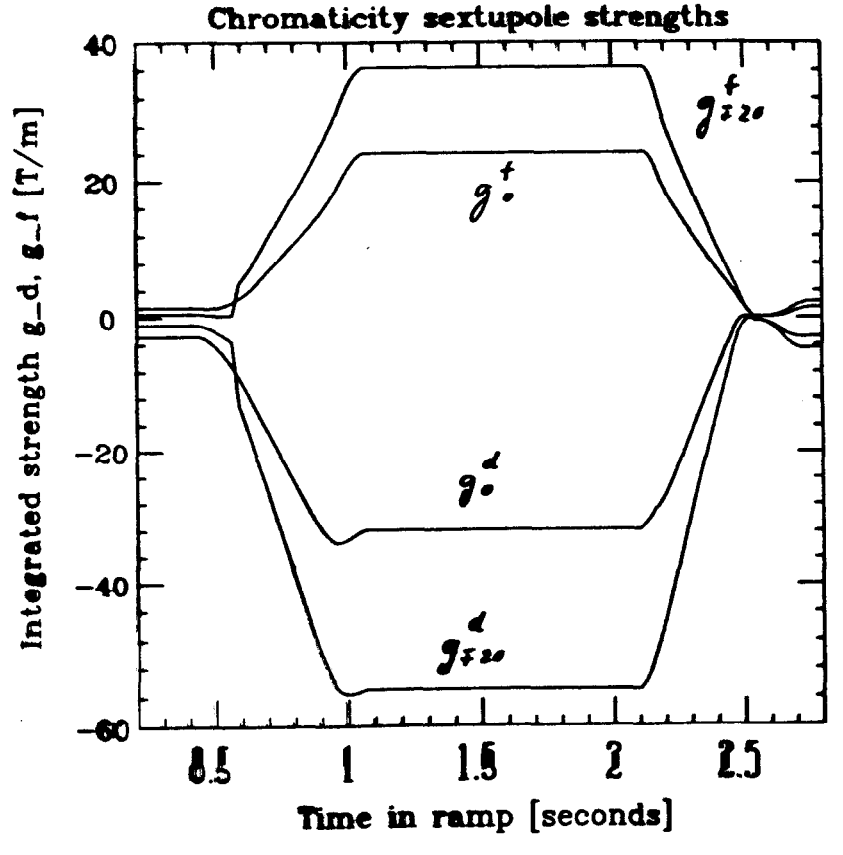
$I_d^{max} = -302$ Amp

$x = 0$

$I_f^{max} = 248$ Amp

$I_d^{max} = -180$ Amp

120
GeV



$x = \mp 20$

$I_f^{rms} = 134$ Amp

$I_d^{rms} = 209$ Amp

$x = 0$

$I_f^{rms} = 88$ Amp

$I_d^{rms} = 123$ Amp